



A. CLAS	SSIFICATION OF SUBJECT MATTER									
IPC7: A47L 13/12, A47L 13/254										
According to International Patent Classification (IPC) or to both national classification and IPC										
B. FIELDS SEARCHED										
Minimum documentation searched (classification system followed by classification symbols)										
IPC7: A47L, G09F										
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched										
SE,DK,FI,NO classes as above										
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)										
EPO-INTERNAL										
C. DOCUMENTS CONSIDERED TO BE RELEVANT										
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.							
A	SE 302189 B (KüCHE UND HAUSTECH 8 July 1968 (08.07.1968), p figure 1	HNIK GMBH), profile 9 and grooves 14,								
A	DE 7637585 U (C. FREUDENBERG), (12.05.1977), tools 2.1,4 a	12 May 1977 and 6, figure 1								
										
A	US 5937471 A (JS. LIAO), 17 A (17.08.1999), figures 3, 4									
A	JP 200234883 A (KOWA CO LTD), 5 (05.02.2002), tools 2, 2 an	February 2002 d 4								
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Further documents are listed in the continuation of Box C. X See patent family annex.										
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to be of	be of particular relevance the principle or theory underlying the investigation but cited to understand									
"E" earlier a	pplication or patent but published on or after the international te	"X" document of particular relevance: the o	laimed invention cannot be							
atea to	at which may throw doubts on priority claim(s) or which is establish the publication date of another citation or other eason (as specified)	step when the document is taken alone	ed to involve an inventive							
	t referring to an oral disclosure, use, exhibition or other	considered to involve an inventive step when the document is								
P" documen	t published prior to the international filing date but later than ity date claimed	combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family								
	actual completion of the international search	Date of mailing of the international search report								
19 July		2 2 -07- 2004								
Name and mailing address of the ISA/		Authorized officer								
Swedish P	atent Office									
	S-102 42 STOCKHOLM o. + 46 8 666 02 86	Leif Vingård / MRo								
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ional application No.

PCT/SE 2004/000661

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